

FS  
Concl.  
storing the latitude lines of the three-dimensional model including the calculated  
latitude lines when instructed by a user.

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### REMARKS

In response to the Advisory Action dated April 10, 2001, claims 2, 5, 29, 34 and 35 are amended, claims 30, 31 and 36 are canceled, and claims 38-44 are added. Claims 2, 3, 5, 9-22, 34, 35 and 37-44 are now active in this application. No new matter has been added.

The indication that claims 9-22 and 37 is acknowledged and appreciated.

Independent claim 29 is amended to more clearly delineate the subject matter of the invention that is patentable over Sato et al. ('680). Thus, amended claim 29, now recites, *inter alia*:

obtaining an electronic data representing a three-dimensional form model;  
generating a plurality of lines along a surface of the three-dimensional form model, whereby the plurality of generated lines represent contours of the three-dimensional form model; and

modifying the plurality of generated lines by adding in the plurality of lines at least one line, moving at least one of the lines, or deleting at least one of the lines so that the plurality of lines still represent contours of the three-dimensional form model.

New claims 38-44 are submitted and also recite subject matter that is patentable over Sato et al. ('680) and Letcher, Jr., considered alone or in combination.

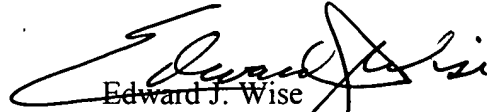
To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this

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paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

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**VERSION WITH MARKINGS SHOWING CHANGES MADE**

2. (Three Times Amended) The method according to claim 29 wherein [said projected group] the generated plurality of lines comprises a parametric curve group.

5. (Three Times Amended) The method according to claim 29 wherein [said projected group] the generate plurality of lines comprises a spline curve group.

29. (Twice Amended) A computer-implemented method of generating three-dimensional form data to be used in a computer apparatus, the method comprising the steps of:

obtaining an electronic [a three-dimensional form] data representing a three-dimensional form model;

generating [projecting] a plurality of lines along [to] a surface of the three-dimensional form model, whereby the plurality of generated [projected] lines represent [compose a first set of] contours of the three-dimensional form model; and

modifying the plurality of generated [projected] lines by adding in the plurality of lines at least one line, moving at least one of the lines, or deleting at least one of the lines so that [, whereby] the plurality of [projected] lines still represent [compose a second set of] contours of the [obtained] three-dimensional form model [different from the first set of contour].

34. (Amended) The method according to claim 29, further comprising the step of:

generating a summary data for representing [said second set of contour] the modified plurality of generated lines, wherein a quantity of the summary data is smaller than a quantity of the obtained three-dimensional form data.

35. (Amended) The method according to claim 29, wherein the electronic data representing a three-dimensional form [data] model is provided from a generator which generates the [three-dimensional form] electronic data.